



Deepwater Horizon Incident, Gulf of Mexico

Region 6 REOC Update

Subject: Region 6 Update # 29
Deepwater Horizon Incident, Gulf of Mexico
Date: May 26, 2010
To: Incident Command
Thru: Planning Section
From: Situation Unit
Operational Period: May 25, 2010 0700 – May 28, 2010 0700
Reporting Period: May 25, 2010 1300 – May 26, 2010 1300

1. Background

Site Name: Deepwater Horizon Incident **FPN#:** N10036
Mobilization Date: 4/27/2010 **Start Date:** 4/28/2010

2. Current Situation

- The incident status summary as reported in the BP Situation Executive Summary as of 0600 on 5/26:
 - 15,582 personnel and 1,297 offshore vessels are currently responding to the incident.
 - Over 1.85 million feet of containment boom and 1.25 million feet of sorbent boom have been deployed.
 - Over 266,000 barrels of an oil-water mix have been recovered.
 - On 5/25, 7 controlled burns were conducted. A cumulative total of 68 controlled burns have been conducted.
 - Subsea dispersant injection continued on 5/25 at a rate of 10 gallons per minute until 1953 hours when crews began preparation for Top Kill operations. Crews plan to continue subsea dispersant injection on 5/26, after Top Kill operations are conducted.
 - On 5/26, crews plan to continue oil clean-up in LA near South Pass, Chandeleur, Trinity Island, and Fourchon.

Summary of Dispersant Data (from UC Situation Executive Summary)

	TOTALS for 5/25 (gal.)	CUMULATIVE TOTALS as of 5/25 (gal.)
Surface	200	705,788
Subsurface	12,766	143,637

2.1 (USCG) Incident Command Post (Houma, LA)

- On 5/25, EPA Data Management personnel processed 2 SMART surface dispersant sampling runs and provided the reports to NOAA.
- On 5/25, large streams of oil were reported near the Chandelier Islands and west of Venice. BP skimming crews began mobilizing to these two locations. EPA water and air monitoring/sampling operations will continue to be conducted near these areas.
- BP reported that SCAT crews found buried oil at a depth of 5 cm on the Grand Terre beach. The Incident Command ordered the formation of a technical work group to develop strategies and procedures for responding to the buried oil. The technical work group will also address procedures for removing oil from swamp areas.
- BP reported that the Chandelier and Marsh Island sample results were positive for Tier 1 finger printing analysis. These results have triggered a Tier II finger printing analysis to confirm the oil reported at these locations is from the Deepwater Horizon Incident.
- On 5/25, EPA received a request from LDEQ to address odor and water quality concerns in Grand Isle, LA. EPA began coordination for the development of a procedure for conducting air and water sampling and monitoring in response to the concerns.
- BP and Incident Command continued planning to increase the total beach clean-up personnel from 550 to 7,000.

2.2 (USCG) Area Command Post (Robert, LA)

- EPA and NOAA issued a collaborative Final Draft Subsurface Dispersant Sampling Plan.

2.3 Air Monitoring/Sampling

- EPA continues to conduct air monitoring and sampling in Venice operations area (VOCs and Particulates):
 - Venice, LA - 29.25274 N, 89.35750 W - V02;
 - Boothville, LA - 29.31449 N, 89.38433 W - V03;
 - Fort Jackson, LA – 29.35699 N, 89.45487 W - V05.
- EPA continues to conduct air monitoring and sampling in Chalmette operations area (VOCs and Particulates):
 - Poydras, LA – 29.86609, -89.89108 - C02 - located at Fire Station number 8;
 - Chalmette, LA - 29.96082, -90.00132 - C04 - located at FireStation on Aycock St.
 - Hopedale, LA, - 29.84049, -89.68980 - C05 - located at Fire Station number 11.
- Each air monitoring location has 4 pieces of air equipment:
 - EBAM (Particulate Monitors) - equipment has replaced DataRAM's;
 - AreaRae/MultiRae - monitoring VOCs;
 - PQ200 - samples for PM2.5;
 - SUMMA Canisters per location - sample for VOCs.

- Air monitoring/sampling stations are monitored throughout the day (24 hours) for immediate reporting of any elevated VOC or particulate levels. The maximum reading is reported to the OSC at Mobile Command Post in Venice and Chalmette.
- Real-time air monitoring data from midnight to midnight each day is reviewed for field QA and uploaded into SCRIBE by 1200 each day and available to EPA Headquarters, REOC, and external response partners.
- EPA met with Grand Island officials to discuss odor complaints and oil spill recovery efforts. The Grand Island officials indicated that they were unaware of any odor complaints and that they believed that the most significantly impacted areas were located north of Grand Island.
- No air monitoring exceedences were noted during this reporting period.

EPA summary of air monitoring/sampling activities:

Air Monitoring & Samples	DataRAM (PM10)	AreaRae	SUMMA Canisters	PM2.5	TOTALS FOR 5/25
Venice	3 locs/24-hr	3 locs/24-hr	3	3	6
Chalmette	3 locs/24-hr	3 locs/24-hr	3	3	6
TOTAL TO DATE	6 locs/24-hr	6 locs/24-hr	271	150	

*QAQC samples not included in sample count

2.4 Water/Sediment Sampling

- EPA continues to conduct water sampling at locations provided by EPA Headquarters and selected through National Coastline Condition Assessment (NCCA) program. The NCCA sample locations are sampled every four years by state agencies with U.S. Coastlines. Sample parameters and locations were also selected in coordination with the EPA Region 6 Water Quality Division.
- Representatives from the Water Division and the REOC Environmental Units from R6 and R4 conduct a conference call three times a week with the HQ EOC to discuss the coordination and consistency of water and sediment sampling across the Deepwater Horizon Incident Response.
- On 5/25, the Cocodrie Water Operations Team conducted operations in the Terrebonne and Timbalier and Barataria Bay areas. The team collected 6 water samples from areas impacted with oil. Site specific information regarding the sample collection sites and photographs are not available at this time and will be submitted after sample processing.
- On 5/25, the Venice water operations team collected samples from areas heavily impacted by oil near the Southeast Pass and Pass A Loutre areas. The team collected 8 water samples from locations west of Venice, LA. Additionally, 2 oil samples were collected.

EPA summary of water/sediment activities:

Water/Sediment Samples	Water	Sediment	TOTALS FOR 5/25
Venice	10	0	10
Chalmette	6	0	6
TOTAL TO DATE	139	71	

*QAQC samples not included in sample count

2.5 TAGA

- On 5/25, TAGA performed mobile monitoring for oil dispersant indicator compounds, OD-00 and OD-27, in Southern MS and AL from the Stennis Space Center to Dauphin Island, AL. All observed OD-00 and OD-27 indicator compounds were associated with a point source.
- TAGA plans to perform mobile monitoring for oil dispersant indicator compounds, OD-00 and OD-27, on 5/26 in Southern LA from Slidell, LA to Port Fourchon and Grand Isle.

2.6 ASPECT

- On 5/25, ASPECT documented the presence of oil along Half Moon Island and the southern marsh of the delta. ASPECT also documented oil recovery operations near the location of the rig. No controlled burns were noted. No afternoon flights occurred due to weather limitations.
- On 5/26, ASPECT began collecting data in the Grand Isle area and the west side of the delta. ASPECT documented oil on the beaches of Grand Isle and reported that oil appeared heavier at the western end of the island. Cleanup crews were working on the Grand Isle area. ASPECT also reported oil on the beaches of Elmers Island, East Timbalier Island, and the Grand Terre Islands.

2.7 Water Quality Protection Division Update

- A Water Quality Protection Division situation update is attached.

3. EPA Assets**3.1 Current Assets Deployed**

- Activated in Dallas, TX
 - REOC activated
 - SRICT activated
 - RRT activated

Deployed Personnel

Personnel	Dallas, TX	Robert, LA	Houma, LA	New Orleans, LA	Chalmette, LA	Venice, LA	Slidell, LA	TOTALS
EPA								
- OSC	3		1		3	1		8
- RSC	5	1	1					7
- PIO		3						3
- Other	3	2	1	1				7
START	5				13	15		33
ERT Contractor								
TAGA Personnel							5	5
ASPECT Personnel							4	4
Other								
TOTALS	16	6	3	1	16	16	9	67

Deployed Equipment

Equipment	Dallas, TX	Robert, LA	Houma, LA	New Orleans, LA	Chalmette, LA	Venice, LA	Slidell, LA	TOTALS
Mobile Command Post						1		1
ASPECT							1	1
TAGA Bus							1	1
LRV		1			1			2
Gooseneck Trailer						1		1
20 KW Generator						1		1
Dually Truck (R7)					1			1
Boat (R7)					1			1

* One TAGA bus has been assigned to Region 4 Operations

4. Daily Cost Estimates

	Est. Personnel Cost	Est. Travel Cost	Est. Contracts/ Purchase Spent	Total Est. Cost/Spent	Total Contract/ Purchase Oblig.	Total USCG PRFA Ceiling	Balance	Est. Daily Burn Rate	Days left
USCG PRFA FPN N10036	\$355,436	\$173,688	\$2,875,705	\$3,404,829	\$3,718,355	\$4,577,819	\$1,172,990	\$165,240	7
TOTAL EPA FUNDED	\$355,436	\$173,688	\$2,875,705	\$3,404,829	\$3,718,355	\$4,577,819	\$1,172,990	\$165,240	7
Region 6 Indirect Rate 13.12%						\$600,610			
Louisiana Total	\$355,436	\$173,688	\$2,875,705	\$3,404,829	\$3,718,355	\$5,178,429	\$1,172,990	\$165,240	7



Figure 1 – View of EPA Administrator Jackson collecting an oil sample near Pass a Loutre, La. on 5/24.

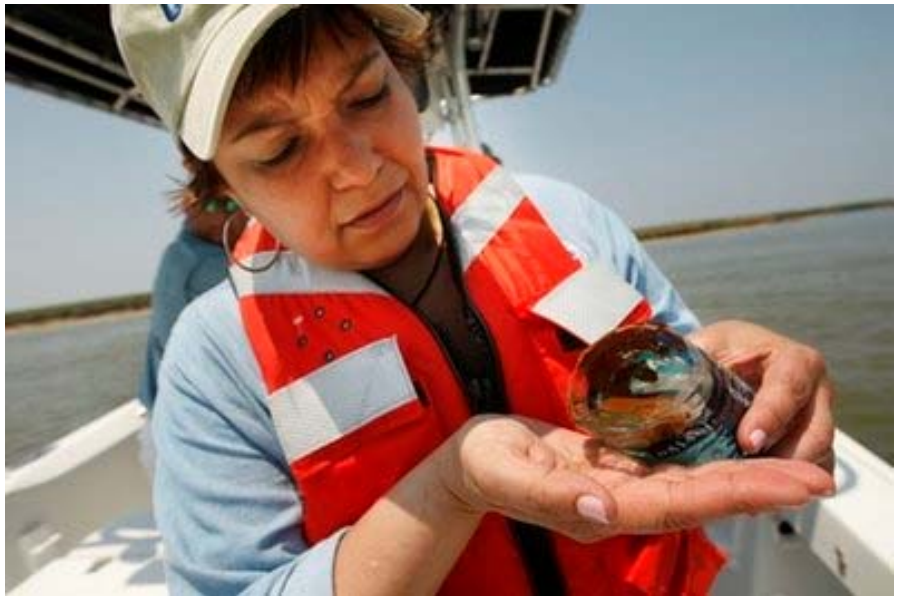
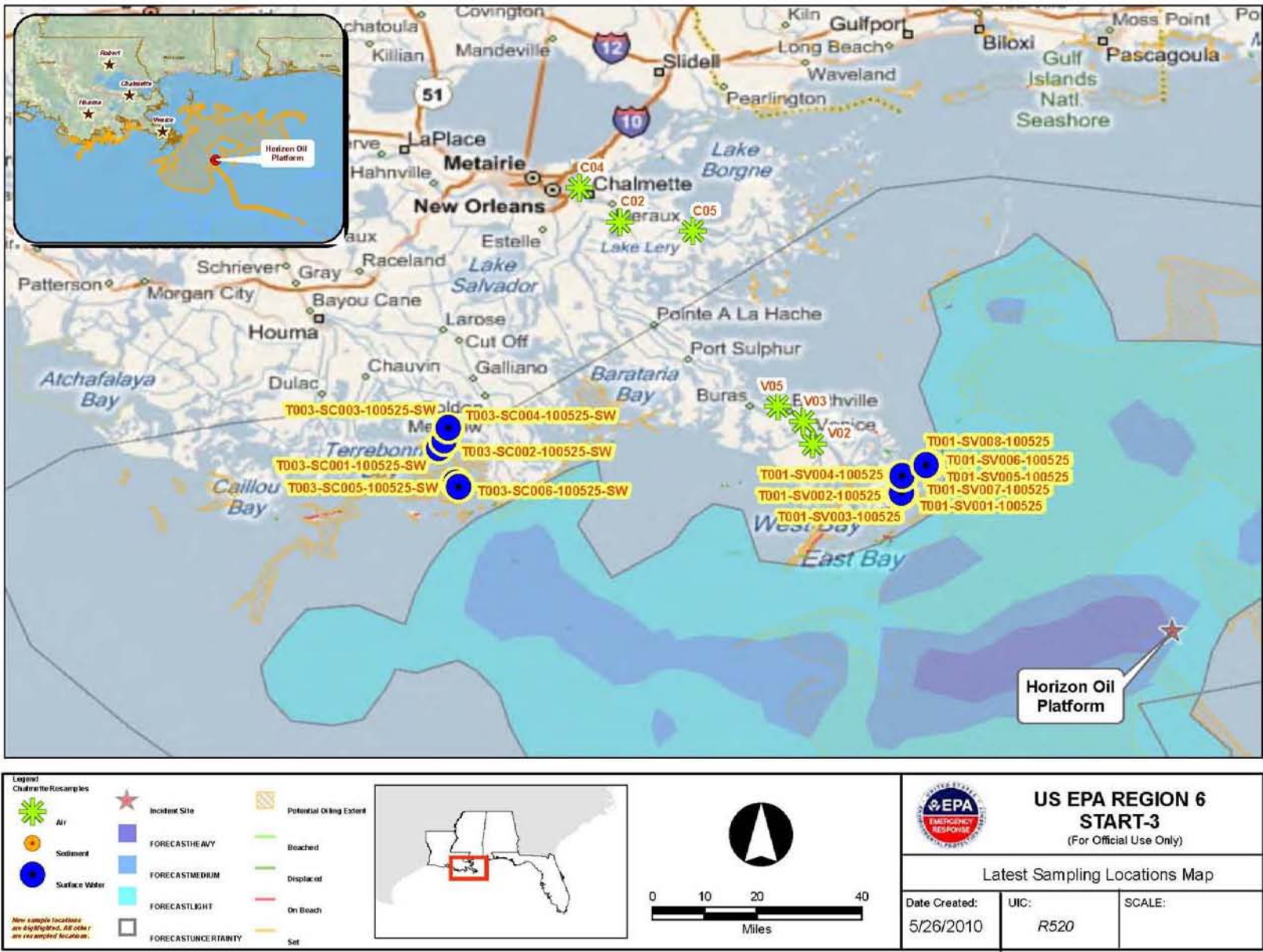


Figure 2 – View of EPA Administrator Jackson viewing the collected sample on 5/24.

Monitoring/Sampling Locations



Nearshore Surface Oil Forecast Deepwater Horizon MC252

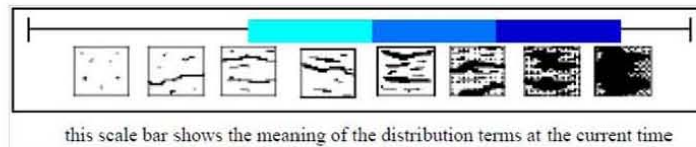
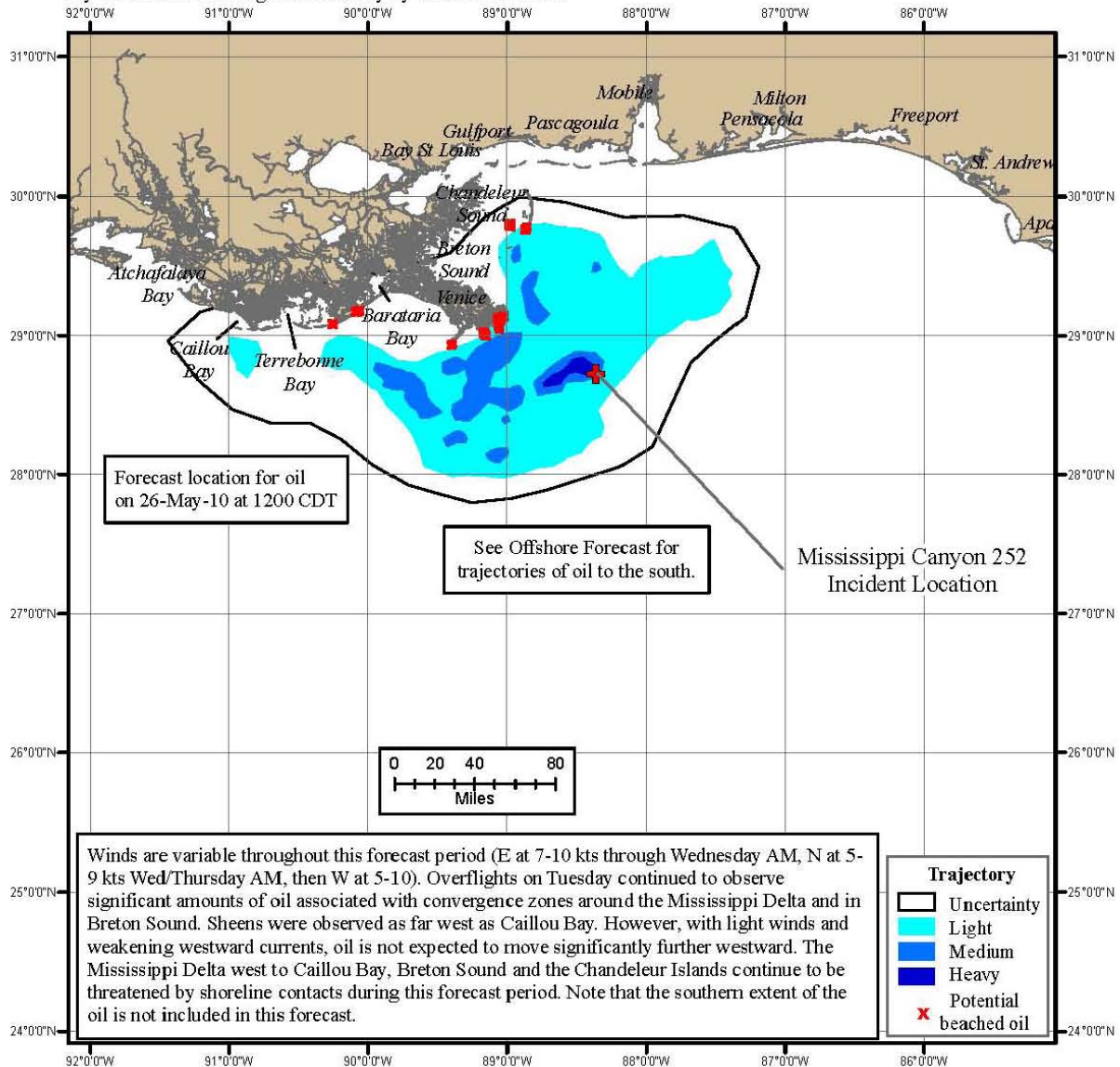
NOAA/NOS/OR&R

Nearshore

Estimate for: 1200 CDT, Wednesday, 5/26/10

Date Prepared: 2100 CDT, Tuesday, 5/25/10

This forecast is based on the NWS spot forecast from Tuesday, May 25 PM. Currents were obtained from several models (NOAA Gulf of Mexico, West Florida Shelf/USF, TAMU/TGLO, NAVO/NRL) and HFR measurements. The model was initialized from Tuesday satellite imagery analysis (NOAA/NESDIS) and overflight observations. The leading edge may contain tarballs that are not readily observable from the imagery (hence not included in the model initialization). Oil near bay inlets could be brought into that bay by local tidal currents.



Next Forecast:
May 26th PM